

11	5'	GAGGC	AAG	AAT	TCG	GCA	CGA	GGC	TCA	GCT	CCG	CAC	CGC	AAC	TGA	AGA	TCT	GCC	GCC	56
65		GCG	GAA	CAG	TTG	CGT	CTC	CAT	CTG	GCT	ACC	AAC	CCA	CCC	AAG	CTT	TCT	TCT	CCA	110
119		CCA	CCA	CCA	CCT	TCC	TTC	CTT	CCC	CCT	CCC	CCT	CCC	CCT	TTC	GGT	CCT	CCC	TCT	164
173		CCA	CCC	CCG	CCC	CCA	ATC	TCC	TCC	TTT	TTT	TCT	CAC	TAC	GAG	CGG	TTG	CTG	ATG	218
227		CTG	AAG	CCG	AGC	GTC	ACT	TCG	GCT	CCC	ACG	GCA	GAC	ATG	GCG	ACA	TTG	ACA	GTG	272
281		GTC	CAG	CCG	CTC	ACC	CTG	GAC	AGA	GAT	GTT	GCA	AGA	GCA	ATT	GAA	TTA	CTG	GAA	326
335		AAA	CTA	CAG	GAA	TCT	GGA	GAA	GTA	CCA	GTG	CAC	GTG	CTA	CAA	TCC	CTC	AAA	AAA	380
389		GTG	CTT	CAG	AGT	GAG	TTT	TGT	ACA	GCT	ATT	CGA	GAG	GTG	TAT	CAA	TAT	ATG	CAT	434

FIGURE 1A

443	GAA	ACG	ATA	ACT	GTT	AAT	GGC	TGT	CCC	GAA	TTC	CGT	470	479	488
	E	T	I	T	V	N	G	C	P	E	F	R	A	A	A
															K
497	GCA	ACA	GTT	GCA	GCT	TTT	GCA	GCT	AGT	GAA	GGC	CAC	524	533	542
	A	T	V	A	A	F	A	A	S	E	G	H	S	C	G
551	GAA	CTG	CCA	AAG	ACT	GAT	GAA	GGC	CTT	GGT	TTT	AAT	578	587	596
	E	L	P	K	T	D	E	G	L	G	F	N	V	M	G
															K
605	CAA	AAT	TCC	CCC	ATT	TAT	ATC	TCT	CGC	ATA	ATT	CCT	632	641	650
	Q	N	S	P	I	Y	I	S	R	I	I	P	G	G	A
															R
659	CAC	GGA	GGC	CTC	AAA	AGA	GGA	GAC	CAG	CTG	CTA	TCA	686	695	704
	H	G	G	L	K	R	G	D	Q	L	L	S	V	N	G
															S
713	GAA	GGA	GAA	CAC	CAT	GAG	AAA	GCT	GTG	GAA	CTA	CTC	740	749	758
	E	G	E	H	H	E	K	A	V	E	L	L	K	A	A
															D
767	GTC	AAG	CTG	GTG	GTG	CGA	TAC	ACC	CCA	AAA	GTT	CTG	794	803	812
	V	K	L	V	V	R	Y	T	P	K	V	L	E	M	E
															A

FIGURE 1B

821	830	839	848	857	866
TTT GAA AAG CTA CGA ACA GCC AGG CGT CGG CAG CAG CAA TTG CTA ATT CAG					
F E K L R T A R R Q Q Q Q L I Q					
875	884	893	902	911	920
CAG CAG CAA CAG CAG CAG CAA CAA ACA CAA AAC CAC ATG TCA TAG GCC					
Q Q Q Q Q Q Q T Q Q N H M S					
929	938	947	956	965	974
CTT GAG GGA AAG CTA CTT GAT CAA ACA TCC GAT AGT CAC AAA TTT GAA ACC GTG					
983	992	1001	1010	1019	1028
CTT CAG AAT CCC AGC ACA TAG TAA AAG ACA ACA CTG ATA ATT ATA CCT GTC AAG					
1037	1046	1055	1064	1073	1082
AAG CTG TGA ACA CAT GGT GTA TAA ATT CTT TAC CAA GGC AAC TCA ACA CCT TCT					
1091	1100	1109	1118	1127	1136
TTC TCT GGG CTT GAA CCG CCA CTG CTC ACG TGG GCT TTA CAT ACA TTG ACC TTC					
1145	1154	1163	1172	1181	1190
CAT TCA CTG CAG TGG GAA TTC TCA GTG TGC AGA GGG AGA GGT TTT CTA GTC TGC					
1199	1208	1217	1226	1235	1244
AAA CTG AAA CAG TGT AAG AAG AAT AAA GTC TAT GAC TTT TAA ATA AAA AAA 3'					

FIGURE 1C

25	LDRDV	AR	AI	EL	LE	KL	QES	GE	VP	VH	KL	QSL	K	1974337
117	LERDV	QR	IL	EL	ME	HV	QK	TE	GV	NN	AK	LA	SL	Q
														GI 1685067
55	KVLQ	SE	FC	TA	IR	EV	YQ	YMH	ET	IT	VN	GC	PE	F
147	QVLQ	SE	FF	GA	VR	EV	YE	TV	ES	ID	AD	TT	PE	I
														GI 1685067
85	RARA	TAK	AT	VA	AA	FA	AS	EG	HS	HP	RV	VE	LP	KT
177	KAA	ATA	KAT	VA	AA	FA	AA	EG	HA	HP	RI	VE	LP	KT
														GI 1685067
115	DEGL	GF	NV	MG	GK	EQ	NS	PI	YI	SR	II	PG	GV	AE
207	DQGL	GF	NV	MG	GK	EQ	NS	PI	YI	SR	II	PG	GV	AD
														GI 1685067
145	RHGG	LK	RG	DQ	LL	LS	VN	GV	SV	EG	EH	HE	KA	VEL
237	RHGG	LK	RG	DQ	LI	AV	NG	-N	VE	AE	CH	EA	VD	LL
														GI 1685067
175	LKAA	KD	SV	KL	VV	RY	TP	KV	LE	EM	EA	RF	EKL	R
266	LKSA	VG	SV	KL	VI	RY	MP	KL	LD	EM	ER	RF	ER	QR
														GI 1685067

FIGURE 2